

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y090922S.M
 Title : SW846 8260
 Last Update : Fri Sep 09 17:08:30 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY010411.D 10 =VY010412.D 20 =VY010413.D 50 =VY010414.D 100 =VY010415.D 150 =VY010416.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.406	0.477	0.433	0.343	0.331	0.308	0.383	17.19
3) P	Chloromethane	0.593	0.651	0.599	0.523	0.508	0.496	0.562	11.02
4) C	Vinyl Chloride	0.708	0.789	0.737	0.663	0.641	0.620	0.693	9.18#
5) T	Bromomethane	0.558	0.576	0.505	0.450	0.427	0.398	0.486	14.88
6) T	Chloroethane	0.480	0.513	0.491	0.446	0.436	0.415	0.464	8.02
7) T	Trichlorofluor...	0.912	0.963	0.922	0.847	0.827	0.797	0.878	7.30
8) T	Diethyl Ether	0.295	0.299	0.296	0.273	0.275	0.268	0.284	4.89
9) T	1,1,2-Trichlor...	0.536	0.567	0.528	0.500	0.490	0.462	0.514	7.28
10) T	Methyl Iodide	0.573	0.636	0.664	0.656	0.660	0.627	0.636	5.35
11) T	Tert butyl alc...	0.088	0.094	0.079	0.049	0.050	0.049	0.068	31.02
12) CM	1,1-Dichloroet...	0.491	0.535	0.497	0.469	0.458	0.442	0.482	6.87#
13) T	Acrolein	0.050	0.046	0.051	0.047	0.047	0.048	0.048	4.05
14) T	Allyl chloride	0.701	0.714	0.707	0.685	0.684	0.675	0.694	2.23
15) T	Acrylonitrile	0.139	0.140	0.141	0.134	0.137	0.135	0.138	2.09
16) T	Acetone	0.122	0.128	0.121	0.111	0.109	0.102	0.116	8.41
17) T	Carbon Disulfide	1.268	1.503	1.414	1.246	1.223	1.170	1.304	9.76
18) T	Methyl Acetate	0.420	0.363	0.369	0.323	0.330	0.328	0.356	10.49
19) T	Methyl tert-bu...	1.360	1.349	1.340	1.306	1.328	1.307	1.332	1.65
20) T	Methylene Chlo...	1.047	0.876	0.717	0.562	0.524	0.506	0.705	30.97
21) T	trans-1,2-Dich...	0.564	0.591	0.574	0.528	0.524	0.505	0.547	6.09
22) T	Diisopropyl ether	1.543	1.558	1.552	1.517	1.562	1.570	1.550	1.19
23) T	Vinyl Acetate	0.849	0.933	0.957	0.955	1.002	1.003	0.950	5.97
24) P	1,1-Dichloroet...	0.955	0.999	0.951	0.926	0.913	0.887	0.938	4.13
25) T	2-Butanone	0.199	0.186	0.185	0.174	0.180	0.178	0.184	4.88
26) T	2,2-Dichloropr...	1.015	0.948	0.884	0.855	0.847	0.823	0.896	8.12
27) T	cis-1,2-Dichlo...	0.656	0.672	0.647	0.626	0.616	0.602	0.636	4.15
28) T	Bromochloromet...	0.353	0.248	0.252	0.320	0.319	0.314	0.301	13.90
29) T	Tetrahydrofuran	0.112	0.114	0.120	0.110	0.117	0.116	0.115	3.05
30) C	Chloroform	1.023	1.050	1.010	0.981	0.967	0.942	0.995	3.98#
31) T	Cyclohexane	0.968	0.956	0.875	0.787	0.774	0.745	0.851	11.34
32) T	1,1,1-Trichlor...	0.902	0.943	0.915	0.898	0.886	0.864	0.901	2.97
33) S	1,2-Dichloroet...	0.553	0.510	0.480	0.497	0.495	0.486	0.504	5.22
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.342	0.423	0.420	0.318	0.320	0.308	0.355	14.84
36) T	1,1-Dichloropr...	0.494	0.523	0.493	0.474	0.478	0.455	0.486	4.73
37) T	Ethyl Acetate	0.258	0.252	0.262	0.245	0.265	0.251	0.256	2.95
38) T	Carbon Tetrach...	0.532	0.576	0.548	0.541	0.537	0.511	0.541	3.97
39) T	Methylcyclohexane	0.610	0.657	0.628	0.593	0.596	0.553	0.606	5.80
40) TM	Benzene	1.427	1.471	1.426	1.371	1.384	1.318	1.399	3.80
41) T	Methacrylonitrile	0.135	0.163	0.144	0.146	0.134	0.155	0.146	7.85
42) TM	1,2-Dichloroet...	0.426	0.430	0.427	0.408	0.411	0.395	0.416	3.28
43) T	Isopropyl Acetate	0.451	0.440	0.475	0.458	0.498	0.484	0.468	4.62
44) TM	Trichloroethene	0.418	0.433	0.426	0.406	0.404	0.383	0.412	4.32
45) C	1,2-Dichloropr...	0.348	0.354	0.342	0.336	0.341	0.327	0.341	2.70#
46) T	Dibromomethane	0.210	0.211	0.212	0.201	0.204	0.196	0.206	2.99
47) T	Bromodichlorom...	0.484	0.501	0.492	0.490	0.494	0.474	0.489	1.89
48) T	Methyl methacr...	0.187	0.201	0.214	0.211	0.226	0.221	0.210	6.71
49) T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	5.91
50) S	Toluene-d8	1.334	1.016	0.991	1.196	1.214	1.155	1.151	11.20
51) T	4-Methyl-2-Pen...	0.241	0.245	0.260	0.253	0.275	0.265	0.257	5.00
52) CM	Toluene	0.915	0.970	0.921	0.900	0.911	0.877	0.916	3.37#
53) T	t-1,3-Dichloro...	0.492	0.507	0.496	0.498	0.521	0.505	0.503	2.02
54) T	cis-1,3-Dichlo...	0.566	0.576	0.566	0.565	0.575	0.556	0.567	1.29
55) T	1,1,2-Trichlor...	0.309	0.298	0.294	0.287	0.293	0.276	0.293	3.73
56) T	Ethyl methacry...	0.364	0.363	0.385	0.382	0.413	0.400	0.385	5.10

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57)	T	1,3-Dichloropr...	0.489	0.497	0.500	0.479	0.487	0.468	0.487	2.45
58)	T	2-Chloroethyl ...	0.184	0.150	0.160	0.094	0.099	0.098	0.131	29.76
59)	T	2-Hexanone	0.155	0.165	0.179	0.174	0.191	0.184	0.175	7.49
60)	T	Dibromochlorom...	0.350	0.361	0.360	0.358	0.366	0.351	0.358	1.66
61)	T	1,2-Dibromoethane	0.291	0.290	0.291	0.278	0.286	0.270	0.284	3.00
62)	S	4-Bromofluorob...	0.464	0.717	0.715	0.420	0.435	0.417	0.528	27.75
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.467	0.488	0.464	0.447	0.434	0.405	0.451	6.45
65)	PM	Chlorobenzene	1.167	1.183	1.126	1.108	1.090	1.035	1.118	4.80
66)	T	1,1,1,2-Tetrac...	0.416	0.423	0.409	0.423	0.415	0.399	0.414	2.22
67)	C	Ethyl Benzene	2.007	2.054	1.973	1.986	1.971	1.884	1.979	2.81#
68)	T	m/p-Xylenes	0.774	0.805	0.778	0.781	0.779	0.745	0.777	2.44
69)	T	o-Xylene	0.736	0.762	0.745	0.743	0.743	0.722	0.742	1.77
70)	T	Styrene	1.227	1.282	1.246	1.261	1.275	1.243	1.256	1.66
71)	P	Bromoform	0.250	0.260	0.262	0.260	0.266	0.256	0.259	2.21
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.889	4.141	3.855	3.913	3.822	3.787	3.901	3.23
74)	T	N-amyl acetate	0.773	0.817	0.886	0.936	1.028	1.020	0.910	11.48
75)	P	1,1,2,2-Tetrac...	0.741	0.760	0.745	0.716	0.709	0.709	0.730	2.94
76)	T	1,2,3-Trichlor...	0.535	0.589	0.554	0.538	0.549	0.545	0.552	3.50
77)	T	Bromobenzene	0.944	0.978	0.929	0.922	0.894	0.879	0.924	3.85
78)	T	n-propylbenzene	4.592	4.910	4.606	4.633	4.541	4.436	4.620	3.42
79)	T	2-Chlorotoluene	2.655	2.719	2.564	2.590	2.537	2.506	2.595	3.05
80)	T	1,3,5-Trimethy...	3.286	3.513	3.315	3.271	3.219	3.145	3.292	3.76
81)	T	trans-1,4-Dich...	0.232	0.237	0.242	0.249	0.265	0.266	0.249	5.80
82)	T	4-Chlorotoluene	2.716	2.862	2.639	2.671	2.686	2.623	2.700	3.20
83)	T	tert-Butylbenzene	2.868	3.012	2.869	2.904	2.843	2.765	2.877	2.81
84)	T	1,2,4-Trimethy...	3.185	3.379	3.226	3.215	3.196	3.124	3.221	2.64
85)	T	sec-Butylbenzene	4.312	4.507	4.197	4.299	4.194	4.051	4.260	3.60
86)	T	p-Isopropyltol...	3.538	3.792	3.560	3.654	3.603	3.473	3.603	3.08
87)	T	1,3-Dichlorobe...	1.932	1.963	1.842	1.835	1.801	1.765	1.856	4.13
88)	T	1,4-Dichlorobe...	1.936	1.964	1.819	1.815	1.778	1.716	1.838	5.15
89)	T	n-Butylbenzene	3.268	3.429	3.256	3.313	3.251	3.110	3.271	3.15
90)	T	Hexachloroethane	0.715	0.719	0.667	0.672	0.654	0.633	0.677	5.00
91)	T	1,2-Dichlorobe...	1.721	1.722	1.633	1.632	1.597	1.559	1.644	4.01
92)	T	1,2-Dibromo-3-...	0.129	0.126	0.123	0.117	0.123	0.121	0.123	3.50
93)	T	1,2,4-Trichlor...	1.018	1.067	1.044	1.015	1.023	0.960	1.021	3.51
94)	T	Hexachlorobuta...	0.658	0.676	0.632	0.605	0.590	0.537	0.616	8.18
95)	T	Naphthalene	1.932	1.974	2.049	1.991	2.119	2.020	2.014	3.23
96)	T	1,2,3-Trichlor...	0.910	0.946	0.906	0.871	0.883	0.832	0.891	4.38

(#) = Out of Range